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<b>14. ABSTRACT</b>  During this reporting period, 108 subjects have attended for testing: 95 head-injured subjects and 13 controls. To date, there have been a total of 144 participants. All subjects have had blood samples taken for genetic analysis and all head-injured subjects have undergone a CT brain scan and EEG (if their individual physical condition allowed it). We have identified two cases of probable undetected epilepsy and two further cases with likely meningiomas. In May 2005 we submitted a description of the methodology of the Vietnam Head Injury Study for publication in Military Medicine. We are continuing to test subjects on our five day battery, at weekly intervals.					
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## **Introduction**

This report summarizes events for the period September 24, 2004 to September 23, 2005 in the implementation of the Vietnam Head Injury Study - Phase III: A 30-Year Post-Injury Follow-up Study, funded by the US Army Medical Research and Material Command, under grant no. DAMD17-01-1-0675.

## **Narrative**

In October 2004 we hired our Physician's Assistant, Gerry Tasick. We also received NNMC approval of modified consent forms and HIPAA documents due to a change in the NNMC Principal Investigator to Dr John Hughes. In November 2004 Kathy Reding was hired as a data entry clerk/research assistant, which completed our current team of staff. In January 2005, adverse events reports were submitted successfully. In February 2005 we submitted our NNMC Annual review. Unfortunately at this time, one of the Principal Investigators, Dr Andres Salazar failed to renew his medical license, and hence the study was suspended, but was shortly afterwards reinstated. In February Drs Grafman, Salazar and Raymont met with new NNMC Admiral for command support. In March 2005 we submitted a successful audit, and there was a NNMC approved modification of the protocol. In this month one adverse event report was submitted. Further similar reports were submitted in June, July and August 2005. All adverse events reported this year were minor and were not a result of the research study. In September 2005 we ran an advertisement in the Disabled American Veterans publication for further control recruitment, with some success.

We are continuing to test three subjects every 5 days, with the battery now taking 5 full days for each subject to complete. Data is being entered into the VHIS – Phase III computer database on a continual basis.

During this reporting period, 108 subjects have attended for testing: 95 head-injured subjects and 13 controls. To date, there have been a total of 144 participants. All subjects have had blood samples taken for genetic analysis and all head-injured subjects have undergone a CT brain scan and EEG (if their individual physical condition allowed it). We have identified two cases of probable undetected epilepsy and two further cases with likely meningiomas. In May 2005 we submitted a description of the methodology of the Vietnam Head Injury Study for publication in Military Medicine.

## **Key Research Accomplishments**

- Refinement of the test battery, test software, forms, and task administrative procedures, including adjustment of testing roles of study staff.
- Training of all new study staff in their required duties within the test battery.
- Gathering of data and maintenance of the VHIS – Phase III computer database.

### **Reportable Outcomes**

CT scans performed: 95

EEGs performed: 95

Blood Samples collected: 92 (1 = we weren't able to get the blood; 2 = refused to donate)

Total participants seen:

Subjects: 95

Controls: New: 6

Returning: 7

Total Adverse Events reported: 8 – none related to study.